

PUSHBUTTON SWITCH WITH LED INDICATOR

Abstract

The present invention provides a mini switch assembly at low costs and being able to display on or off state of it. The switch assembly in accordance with the present invention includes a pushbutton that has an opening allowing a transparent cover installed in it; a circuit board having a circuit and defining a first conductive section being insulated with a second conductive section; a conductive elastic part coupled to but its body section separated from the first conductive section. When the pushbutton applies a force to the elastic part, the body section is forced to contact the second conductive section and as a result, the first conductive section is conductively coupled with the second conductive section, triggering a drive circuit on the circuit board to provide power to turn the LED on. Also, the elastic part has an opening aligned with the pushbutton opening to allow the LED to be installed on the circuit board via these two openings.